

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-5. Cancelled.

6. (Currently Amended) A biomaterial having an apatite forming ability, comprising:
a base material and
a film provided on top of said base material,
wherein ~~said film has an apatite forming ability in a simulated body fluid~~, and said film is
produced by a process which comprises steps of
applying a coating liquid to said base material, and
solidifying said coating liquid by drying, calcinations, or irradiation with
ultraviolet radiation,
wherein said coating liquid comprises
a solvent,
a polysilazane, which is dissolved in said solvent, and
a calcium compound, which is dissolved in said solvent or disperses in the
form of fine particles with a particle size of no more than 1 μ m in said
solvent, within a range from 0.1 to 90 parts by weight per 100 parts by
weight of said polysilazane and said coating liquid can form the film with
apatite forming ability in the simulated body fluid.

7. Cancelled.

8. (Previously Presented) The biomaterial according to claim 6, wherein said calcium compound is calcium stearoyl lactate.

9. (Previously Presented) The biomaterial according to claim 6, wherein said coating liquid further comprises fine particles of titanium oxide

10. (Previously Presented) The biomaterial according to claim 6, wherein said coating liquid further comprises a medication.

11. (Currently Amended) The biomaterial according to claim 6, wherein apatite is formed on a portion of a surface of the film of the biomaterial when the biomaterial is immersed in [[the]] a simulated body fluid.

12. (Previously Presented) The biomaterial according to claim 11, wherein apatite is formed across the entire surface of the film of the biomaterial when the biomaterial is immersed in the simulated body fluid.